

## Completed Return on Investment Project Case Study

United States Department of Energy  
Office of Environmental Management  
Fact Sheet

### Oil Recycle Staging Area at TA-15

Los Alamos National Laboratory

#### Original Problem

TA-60 stopped functioning as a central oil collection area, so TA-15 had to find a way to safely store their recyclable oil on site. Before a secure storage area became available, some of the oil that could have been recycled was sent away as waste because that was the most convenient, although more expensive, option.

#### The Project Solution

DX Division bought a lockable storage shed called a transportainer to securely store the oil on site for eventual recycling. Approximately twenty 55gallon drums can fit inside the transportainer, allowing oil to accumulate for almost a year until the recycler needs to come and collect the oil.

#### Value of Improvement

Since the transportainer is located away from the hazardous waste and only the waste coordinators have access, there is very little chance that the oil could get contaminated with hazardous waste. Now the oil never gets sent away as hazardous waste due to lack of secure storage space.



#### DOE Monetary Benefits

Total Project Cost	\$5100
Lifecycle Savings	~\$5500 / year
Return on Investment	102%

#### Lifecycle Waste Reduction

Lifecycle Waste Reduction	~800 gal /year
Commencement Date	2000
Project Useful Life (Years)	10

#### Benefits At-A-Glance

- The transportainer provides secure storage space for the oil.
- Oil can easily be saved for recycling instead of being sent away as hazardous waste out of convenience.
- The transportainer provides secondary containment for the oil.

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Summary Data	
Priority Area:	Waste Minimization Projects
Project Type:	Recycling
Total Project Cost:	\$5100
Lifecycle Savings:	~\$5500 / year
Implementing Group:	DX-2
Benefiting Group:	DX Division
Useful Life Years:	10
Return on Investment:	102%
Lifecycle Waste Reduction:	~800 gallons of oil / year
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